

Room Controller Switch Installation Instructions



Load:Logic®
Room Controller

Precautions

- **READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**
- **CAUTION:** For use with **Class 2**, low voltage systems only. **Do not use in high voltage applications.**
- **CAUTION - RISK OF ELECTRICAL SHOCK.** To prevent electrical shock, turn OFF power at the circuit breaker before installing or servicing unit. Never wire energized electrical components.
- **NOTICE:** Do not install if product appears to be damaged.
- Be sure to read and understand all instructions before installing or servicing unit
- For Indoor use only. Do not use outdoors.
- A disconnect switch or circuit breaker must be provided and marked as the disconnecting device.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Confirm that device ratings are suitable for the application prior to installation.
- No user serviceable parts contained inside unit. Refer all service related questions to the factory.
- All servicing shall be performed by qualified service personnel.
- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
- Do not use this equipment for other than intended use.

Specifications

- Wiring is Class 2, UTP cable with RJ-45 connectors.
- Powered by the room controller through the RJ-45 connector.
- Use standard decorator style line face plate (not included).
- Five year limited warranty.

SAVE THESE INSTRUCTIONS!



Description

Hubbell Wiring Device-Kellems RC switches provide manual control for a variety of operations of the Load:Logic® room controller. All switches provide easy and intuitive plug and play operation.

Installation

- A. Prepare the installation site as necessary to install the switch.
- B. Connect the UTP patch cord into any available RJ45 port on the room controller (See Figure 3). Verify solid snap-in connection.
- C. Route the patch cord from the room controller to enter the RJ45 port on the switch (See Figure 1). NOTE: Low voltage wiring must be isolated from line voltage wiring. Consult national and local electrical codes for the appropriate conduit requirements.
- D. If it is not preset, set the switch address to number 1 on the rotary address switch located behind the switch's face. Additional switches can be to be daisy-chained on the same RJ45 port in the room controller. (See Figure 3) These must be set to unique addresses i.e. 2, 3, 4, etc. A maximum of 8 switches can be connected to one RJ45 port. (See Figure 2)
- E. Plug the patch cord into the switch. Verify solid snap-in connection.
- F. If multiple switches are ganged together in the same wall box, connect them together in a daisy-chain using the 3" patch cord provided with the switch. Switches located in different areas may also be daisy-chained using longer patch cords. Verify solid snap-in connection(s).
- G. REMOVE ALL EXCESS CABLE FROM WALL BOX PRIOR TO INSERTION OF SWITCH (ES). Patch cord runs between the room controller and the switch must be direct and free of obstructions. Avoid kinks, crushing, twisting, straining, abrasion, hot/cold and EMI/RFI exposure of the patch cords as this may result in an undesired system operation. It is recommended to test the functionality of the switch (es) prior to securing the switch in the wall box.

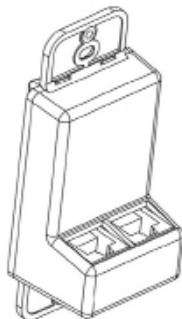


Figure 1

Switch Back View

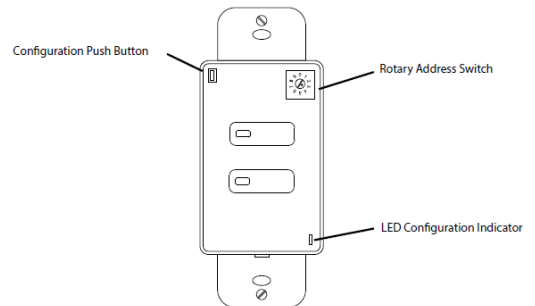


Figure 2

View behind switch face

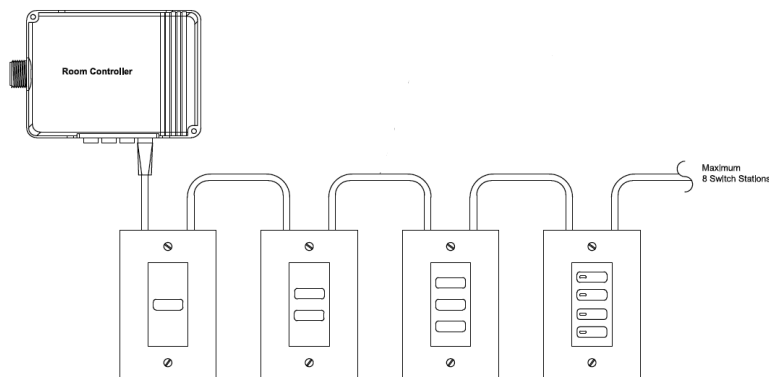


Figure 3

Switches connected in daisy chain to a single room controller RJ45 port